CENTRAL PNEUMATIC®

12V PORTABLE AIR COMPRESSOR

Model 92310

ASSEMBLY & OPERATING INSTRUCTIONS

Distributed Exclusively by
HARBOR FREIGHT TOOLS®

3491 Mission Oaks Blvd., Camarillo, CA 93011

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For technical questions and replacement parts please call 1-800-444-3353.

THANK YOU for choosing a **HARBOR FREIGHT TOOLS** product. For future reference, please complete the owner's record below:

Model_____ **Serial No.**_____ **Purchase Date**_____

SAVE THE RECEIPT, WARRANTY AND THESE INSTRUCTIONS. It is important that you read the entire manual to become familiar with the unit BEFORE you begin assembly.

The 300 PSI output easily inflates tires, rafts and sports equipment. The Air Compressor comes with a bright light for nighttime use, and a red warning flasher for emergency signaling.

Technical Specifications

Materials:	Molded ABS Thermoplastic
Power Source:	12 Volts DC Motor
Plug Type:	Automotive Cigarette Lighter type (not fused)
Power Cord:	18 AWG x 2C, 9'-4" long with plug in socket
Pressure Gauge:	300 PSI Maximum
Air Hose Length:	26" Length with one end valve adapter

IMPORTANT SAFETY INSTRUCTIONS!

READ ALL INSTRUCTIONS BEFORE USING THIS PRODUCT!

Safety Warnings and Precautions

WARNING: When using product, basic safety precautions should always be followed to reduce the risk of personal injury and damage to equipment.

Read all instructions before using this product!

1. **Store idle equipment**. When not in use, the 12V Portable Air Compressor must be stored in a dry location to inhibit damage from moisture and salt air.
2. **Check for damaged parts**. Before using any appliance, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for any broken or damaged parts and any other conditions that may affect its operation. Replace or repair damaged or worn parts immediately.
3. **Replacement parts and accessories**. When servicing, use only identical replacement parts. Use of any other parts will void the warranty.
4. **Do not let children play with or use the 12V Portable Air Compressor.**
5. **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
6. **Do not operate the Portable Air Compressor in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** Electrical products create sparks which may ignite the dust or fumes.
7. **Keep bystanders, children, and visitors away while operating the Air Compressor.** Distractions can cause you to lose control.
8. **Do not abuse the Power Cord.** Never use the Power Cord to carry the Air Compressor. Keep the Power Cord away from heat, oil, sharp edges, or moving parts. Replace damaged Power Cords immediately. Damaged Power Cords increase the risk of electric shock.

9. **Stay alert. Watch what you are doing, and use common sense when operating the Air Compressor. Do not operate the Air Compressor while tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating the Compressor may result in serious personal injury.

10. **Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry, or long hair can be caught in moving parts.

11. **Avoid accidental starting. Be sure the Power Switch is off before plugging in.** Carrying appliances with your finger on the Power Switch, or plugging in appliances with the Power Switch on, invites accidents.

12. **Use safety equipment. Always wear ANSI approved eye protection.** ANSI approved equipment such as a dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.

13. **Check for damaged parts.** Before using the Air Compressor, carefully check that it will operate properly and perform its intended function. Check for damaged parts and any other conditions that may affect its operation. Replace or repair damaged or worn parts immediately.

14. **Replacement parts and accessories.** When servicing, use only identical replacement parts. Only use accessories intended for use with this product. Approved accessories are available from Harbor Freight Tools.

15. **Maintain product with care.** Keep this product clean and dry for better performance.

16. **Maintenance:** Service and maintenance should be performed regularly by a qualified technician.

17. **Use the right product for the right job.** There are certain applications for which the Air Compressor was designed. Do not use the Air Compressor for a purpose for which it was not intended.

SPECIFIC PRECAUTIONS FOR THIS PRODUCT

1. **Do not use this product with the car/truck/motorcycle engine running.**

2. **Do not use this product on high pressure tires (large trucks, trailors, tractors, etc.).**

3. **Do not exceed the tire air pressure recommended by the tire manufacturer.**

4. **Do not leave this product unattended while the unit is running.**

5. **Do not use this product continuously for more than 15 minutes.** Allow this product to cool approximately 5 minutes after inflating a tire or other inflatable.

6. **Be careful to make sure you do not overinflate**. Inflatable items constructed of soft materials (balls, beach toys, air mattresses, rubber rafts, etc.) will usually not show manufacturer recommended air pressure.
Explosion Danger: overinflating can result in serious personal injury.

7. **To avoid dangerous oncoming traffic, always use this product as far away from the road side as possible.**

8. **Always use a tire pressure gauge to check the actual pressure in tires.**

9. **When using the Blow Gun Nozzle accessory, always point the Nozzle away from your body and away from others.**

10. **Do not operate the Emergency Light continuously for periods of one hour or more.** Doing so will cause the unit to overheat, and may damage the unit and/or cause personal injury. It is recommended that the Emergency Light only be operated continuously for up to 45 minutes. Then, turn off the Emergency Light and allow the unit to cool for a minimum of 10 minutes before re-use.

Warning: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Unpacking

When unpacking your 12V Portable Air Compressor, check to make sure the following parts are included. If any parts are missing or broken, please call **HARBOR FREIGHT TOOLS** at **1-800-444-3353.**

Assembly/ Operation

Your 12V Portable Air Compressor comes completely assembled. It is important that you read the entire manual to become familiar with the product BEFORE you assemble and use the Air Compressor. Before assembling and operating the Air Compressor be sure that you have all parts described in the Parts List and Assembly Diagram located on the last pages of this manual.

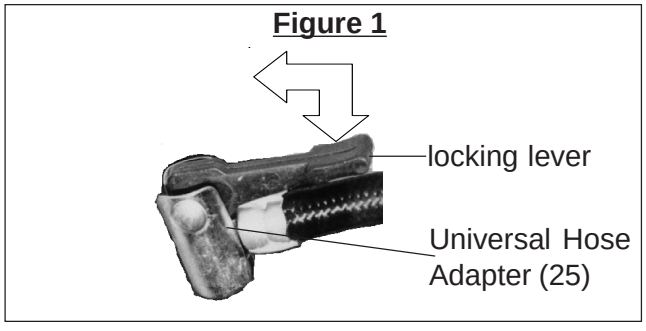
Inflating Tires

1. Remove the valve cap from the valve stem of the tire.

2. Remove the Cover (43) from the rear of the Portable Air Compressor and extend the Universal Hose Adapter (25) and the DC Power Cord (11).

3. Attach the Universal Hose Adapter (25) to the tire valve stem with the locking lever in the up position. Check to make sure the Universal Hose Adapter is pressed down completely over the threads of the valve stem-see Figure 1.

Figure 1



4. When the Universal Hose Adapter (25) is firmly in place, press the locking lever down to lock onto the valve stem-see Figure 1.

5. To inflate, plug the DC Power Cord into the cigarette lighter socket-see Figure 2. Then press the DC Power Cord "ON"/"OFF" Switch (2) down to the "ON" position-see Figure 3. When the Air Pressure Gauge (36) reaches the appropriate PSI, turn "OFF" the "On/Off" Switch.

Figure 2

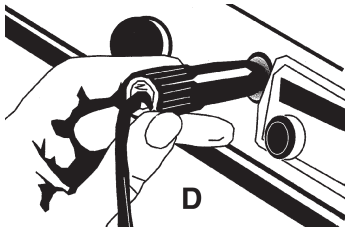
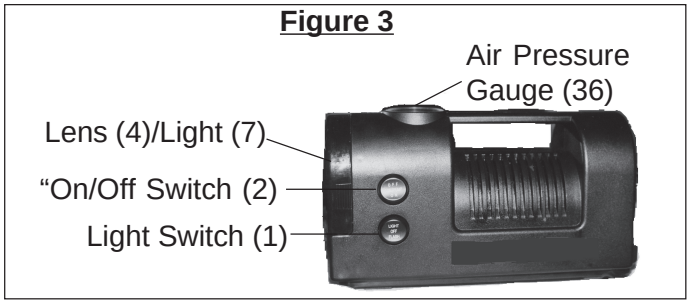


Figure 3



6. The Portable Air Compressor is now ready for operating.

7. **NOTE**: In the event the tire is totally deflated it may have separated from the tire rim. In this case, you may need to jack up the vehicle prior to inflating the tire. If this occurs, make certain to follow all safety instructions for the jack and for the motor vehicle.

The Air Pressure Gauge

1. The Air Pressure Gauge (36) is located on the top of the Portable Air Compressor-(see Figure 3) and is calibrated in P.S.I. (Pounds Per Square Inch).

2. The maximum air pressure this unit will produce is 300 P.S.I.

3. **Explosion Danger!** Do not inflate the air pressure beyond the pressure recommended by the manufacturer of the item you are inflating. Over inflating a tire or inflatable may result in serious personal injury and property damage.

4. To obtain an accurate air pressure reading, turn off the Portable Air Compressor when reading the gauge.

The Emergency Light

1. The Emergency Light is located at the front of the Portable Air Compressor-see Figure 3.

2. To use the Emergency Light, plug the DC Power Cord (11) into the cigarette lighter socket. Then turn the DC Power Cord "ON"/"OFF" Switch (2) to the "ON" position.

3. For *continuous* lighting, press the Light Switch (1) to the "LIGHT" position-see Figure 3.

4. For a *blinking* light, press the Light Switch to the "FLASH" position-see Figure 3.

5. **Caution**: Do not operate the Emergency Light continuously for periods longer than 45 minutes. Doing so will cause the unit to overheat, and may damage the unit and/or cause personal injury. It is recommended that the Emergency Light only be operated continuously for up to 45 minutes. Then, turn off the Emergency Light and allow the unit to cool for a minimum of 10 minutes before re-use.

Inflating Balls, Beach Toys, Air Mattresses, Rubber Rafts, etc.

1. To inflate, insert the threaded end of the Inflation Nozzle (part #50) into the Universal Hose Adapter. Lock the Inflation Nozzle in place and insert its tip into the item to be inflated.

Using the Blow Gun Nozzle

1. Insert the threaded end of the Blow Gun Nozzle (part #51) into the Universal Hose Adapter and lock the Blow Gun Nozzle in place.

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER NOR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Part #	Description	Quantity	Part #	Description	Quantity
1	Light Switch	1	27	Hose	1
2	On/Off Switch	1	28	Valve Ferrule	1
3	Body	1	29	Valve	1
4	Lens	1	30	Piston Head	1
5	Reflector	1	31	Piston Head Pin	1
6	Light Holder	1	32	Piston Arm	1
7	Light	1	33	Cylinder	1
8	Light Contacter	1	34	O-Ring	1
9	Terminal	2	35	Check Valve	1
10	Screw	1	36	Gauge	1
11	DC Power Cord	1	37	Cylinder Head	1
12	Gear Housing Support	1	38	Cylinder Screw	2
13	Pump Gear	1	39	Check Valve	1
14	Cam Rod	1	40	Spring	1
15	Cam	1	41	O-Ring	1
16	Piston Arm Pin	1	42	Cylinder Head Gap	1
17	Gear Housing-Brass	1	43	Cover	1
18	Gear Housing	1	44	Hose Gauge	1
19	Motor Mount Screw	2	45	Hose Ferrule	1
20	Lock Washer	2	46	Body	1
21	Motor Gear	1	47	Gear Housing Support	1
22	Motor	1	48	Lens	1
23	Terminal	1	49	Screw-Housing	5
24	Flasher	1	50	Inflation Nozzle	1
25	Hose-Universal Adapter	1	51	Blow Gun Nozzle	2
26	Hose Ferrule	1			

NOTE: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

Assembly and Parts Diagram